wherein the longer-range transmission circuitry is configured to, over a longer range exceeding the given range, transmit the received signals to an interface for monitoring the volume of fluid delivered and the alarm condition.

18. The system of claim **1** wherein the external medical device is a fluid delivery device.

19. The system of claim **18**, wherein the longer-range reception circuitry is configured to, over the longer range, receive control signals from the user interface, the control signals containing control information for controlling the external medical device; and

wherein the short-range transmission circuitry is configured to, over the given range, transmit the control signals to the external medical device.

20. A system in accordance with claim **18**, wherein the interface reception circuitry includes circuitry for receiving signals directly from the pump, and wherein the interface transmission circuitry includes circuitry for transmitting signals directly to the pump.

21. The system of claim **18**, wherein the short-range reception circuit is configured to, over a given range, receive signals from the pump, the received signals containing data relating to a volume of fluid delivered by the pump and relating to the alarm condition; and

wherein the longer-range transmission circuitry is configured to, over a longer range exceeding the given range, transmit the received signals to an interface for monitoring the volume of fluid delivered and the alarm condition.

22. The system of claim **1**, further comprising an alarm for notifying a user of the presence of a fault condition.

23. The system of claim **22**, wherein the user interface is configured to receive an alarm signal from the intermediate transceiver and to relay the alarm signal.

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